

ABSTRACT OF THE DISCLOSURE

A multiple fingered burner includes controls for continuity of gas flow and ignition throughout all of the ports peripherally positioned around the contoured wall of the burner body. A plurality of burner parts are nested together with an indexer limiting insertion to at least one predetermined alignment in order to avoid improper fit or alignment between adjacent burner parts. In addition, the peripherally positioned ports are covered by a laterally extending lip of a cap, and at least one of the parts includes recesses adjacent the laterally extending lip to provide ignitable gas flow passages along the peripheral wall of the burner that maintain continuity of ignition at adjacent burner ports.